

Mark Center Area

February Traffic Monitoring

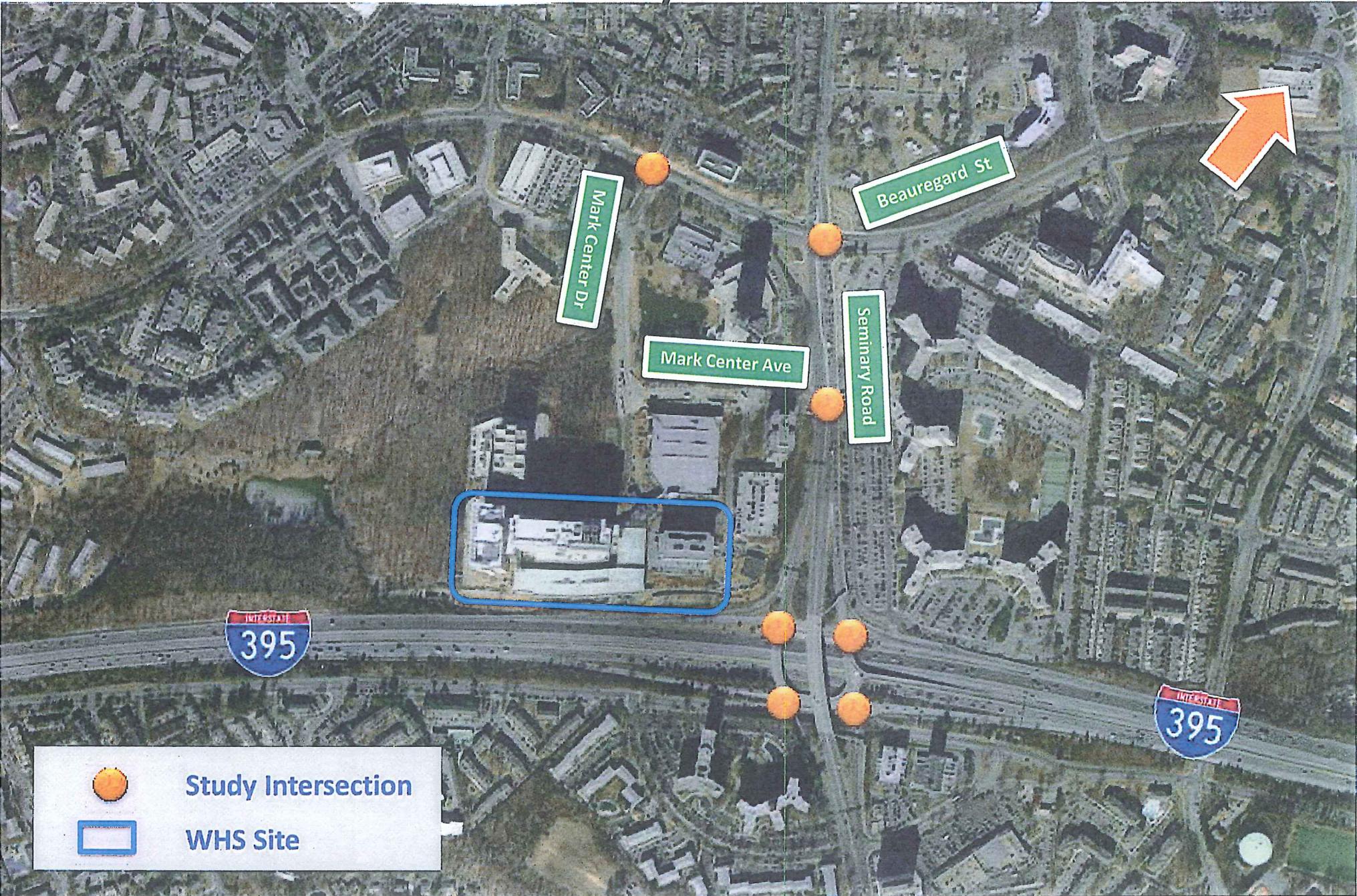
Alexandria Virginia

March 6, 2012

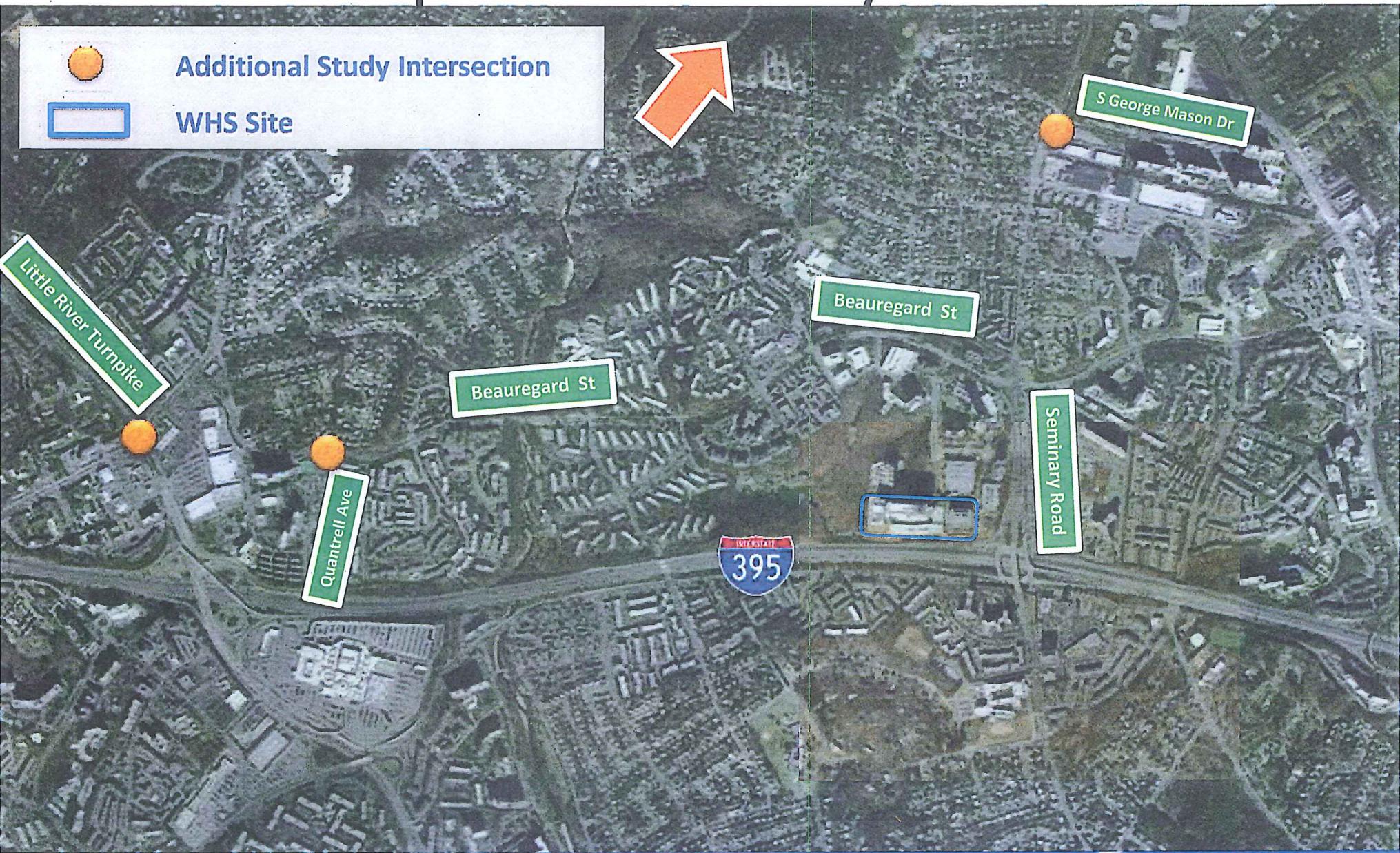


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Study Area



Expanded Study Area



Study Scope

- Duration
 - August 2011 – August 2012
- Traffic Counts
 - AM/PM Peak Period Turning Movements
- Photo Documentation
- Field Observations / Notes
- Traffic Operations Analysis
 - SYNCHRO

February Conditions

- WHS was about 50% occupied
 - 4,750 positions out of 6400 employees
 - 3,200 people per day enter the building in morning peak hours
- 1,580 (a peak day in January) parking spots including official vehicles
- City police were present at local intersections and rotary during peak periods

The logo for the Virginia Department of Transportation (VDOT) is located in the bottom right corner. It consists of a stylized blue 'V' shape followed by the letters 'VDOT' in a bold, sans-serif font.The logo for Virginia Mega Projects is located in the bottom right corner. It features a blue square icon with white diagonal stripes, followed by the words 'VIRGINIA MEGA PROJECTS' in a blue, sans-serif font.

General Observations

- August, 2011
 - All queues were able to clear upon each cycle
- February, 2012
 - Most queues were able to clear upon each cycle
 - Overall similar level of traffic conditions compared to last month



Week of February 13, 2012

AM Peak Period (6–9AM)





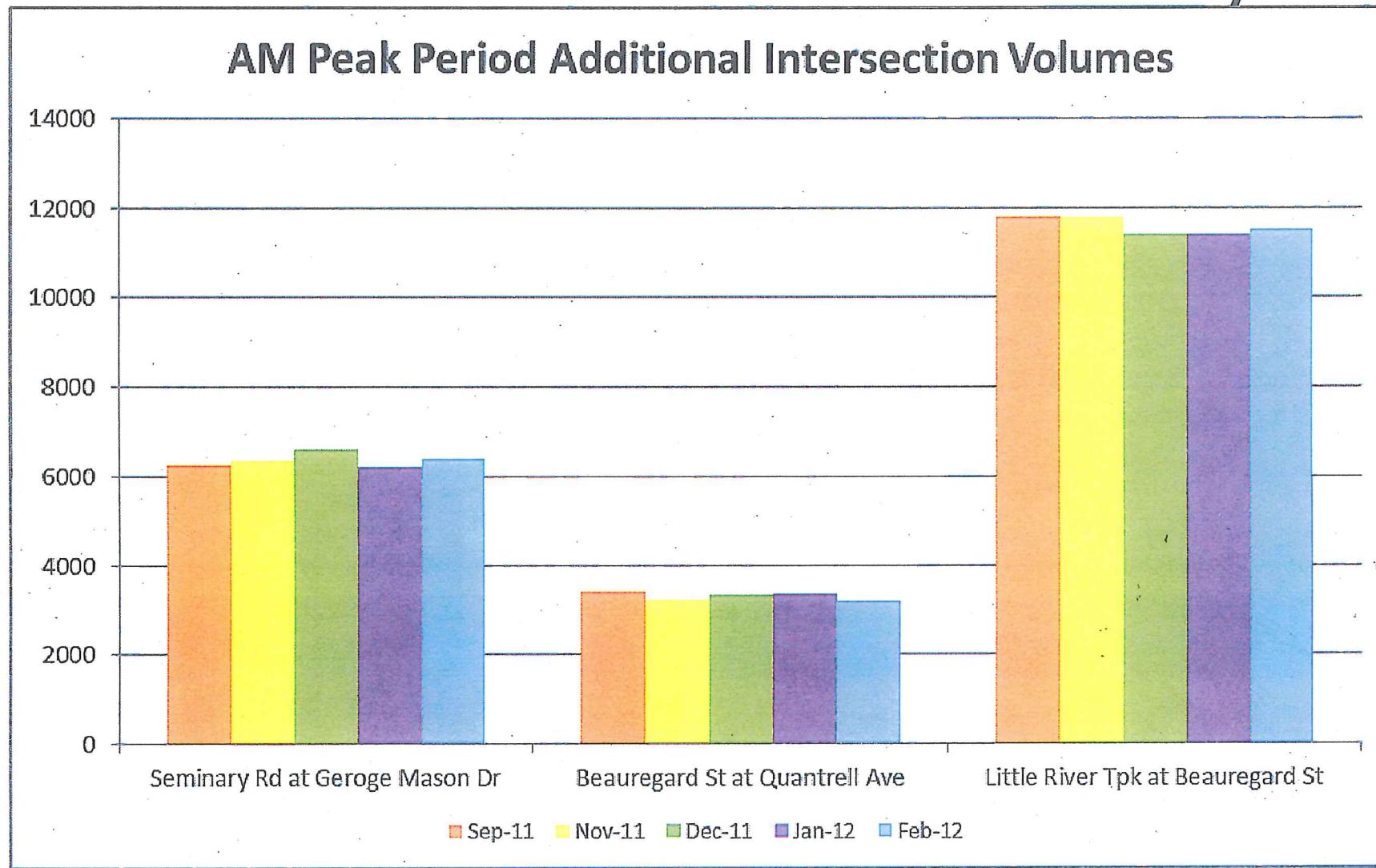
Additional Intersections

AM Peak Hour LOS Analysis



Additional Intersections

AM Peak Period Volume Analysis



Week of January 16, 2012

PM Peak Period (4-7PM)



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Additional Intersections

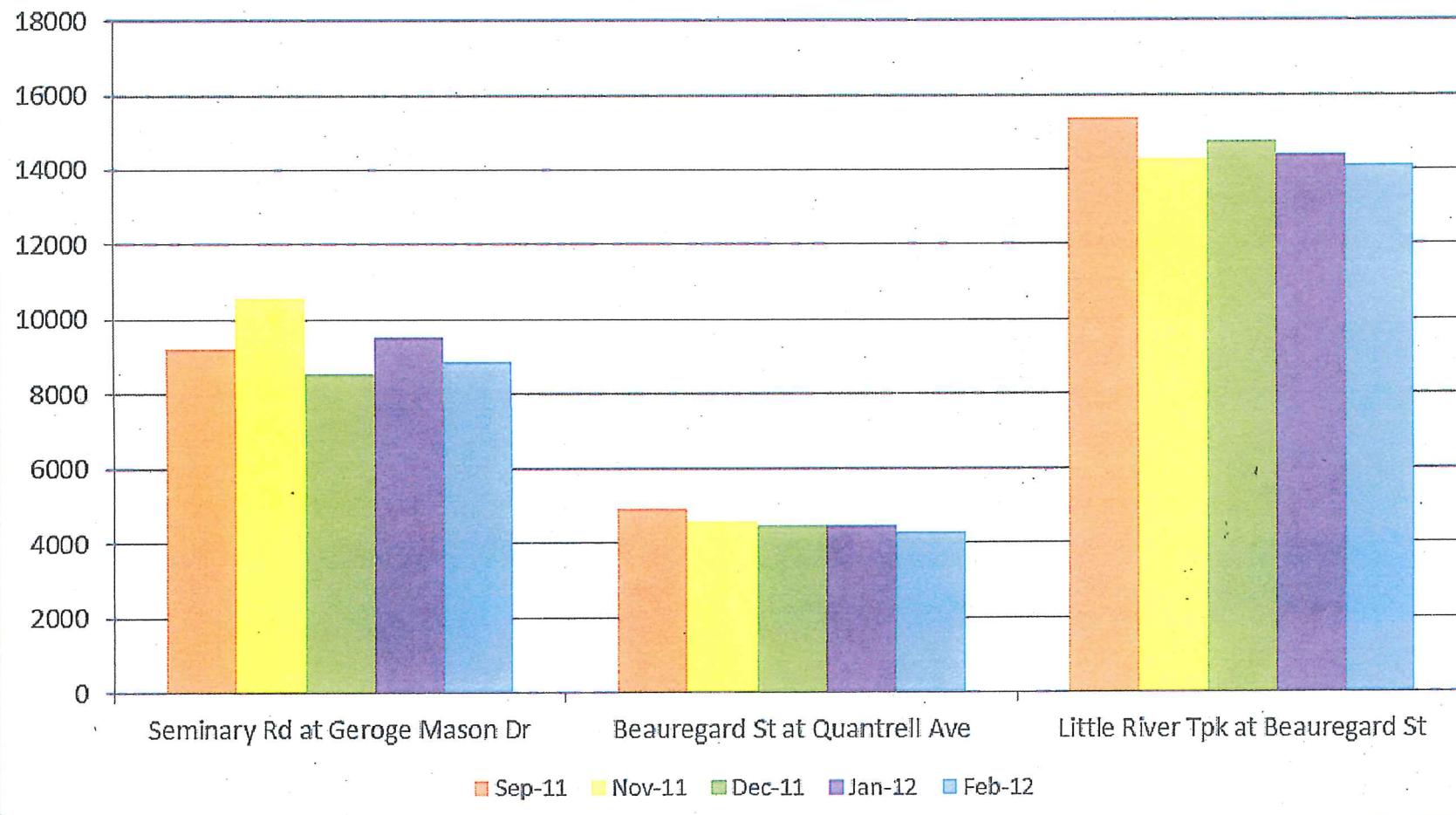
PM Peak Hour LOS Analysis



Additional Intersections

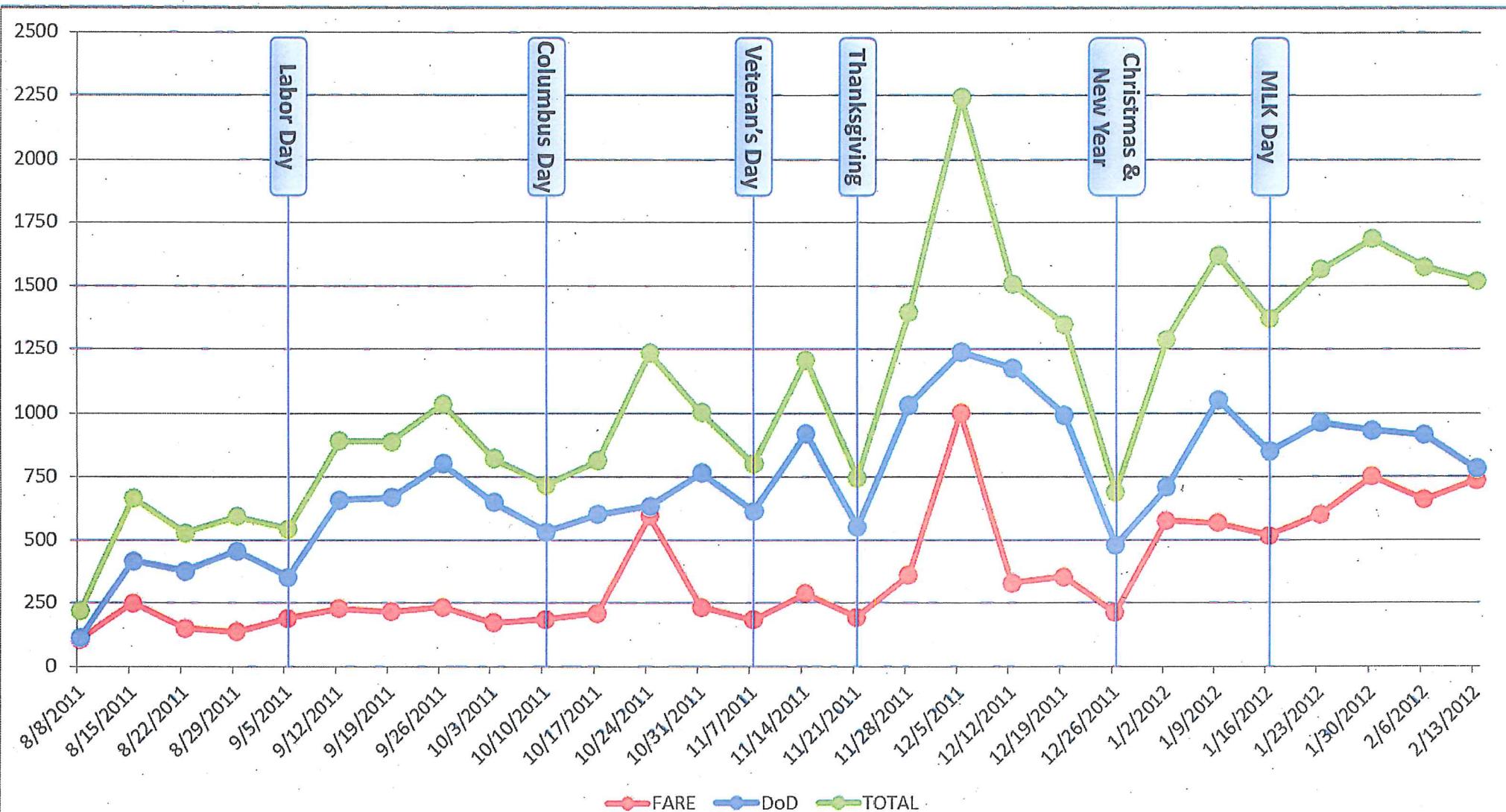
PM Peak Period Volume Analysis

PM Peak Period Additional Intersection Volumes



DASH Weekly Ridership

August, 2011 – February, 2012



WMATA Weekly Ridership

August, 2011 – February, 2012

